

Title (en)

Stratified storage device for storing warm liquids at different temperatures

Title (de)

Speicher zum temperaturgeschichteten Speichern von warmen Flüssigkeiten unterschiedlicher Temperatur

Title (fr)

Réservoir avec stratification pour stockage de liquides chauds à différentes températures

Publication

EP 2339282 A3 20140115 (DE)

Application

EP 10196196 A 20101221

Priority

DE 102009060817 A 20091228

Abstract (en)

[origin: EP2339282A2] The accumulator (10) is provided with a casing (11), a base (12) and an upper side (13), loading equipments and unloading equipments. The casing encases the accumulator interior. The openings (22) are provided in the casing. The openings are tightly closed with removable closure elements. A loading device or unloading device is interchangeably attached to each opening.

IPC 8 full level

F28D 20/00 (2006.01); **F24H 9/12** (2006.01)

CPC (source: EP)

F24H 9/133 (2022.01); **F28D 20/0039** (2013.01); **F28D 2020/0069** (2013.01); **Y02E 60/14** (2013.01)

Citation (search report)

- [XY] DE 202006003612 U1 20060706 - EWERS JOSEF [DE]
- [Y] DE 19754586 A1 19980709 - TRILLITZSCH HARALD [DE]
- [Y] DE 202006019671 U1 20070308 - PANAROTTO OLIVER [DE]
- [A] EP 1936314 A2 20080625 - KRAUS MARTIN [DE]
- [A] DE 2637482 A1 19780223 - THYSSEN INDUSTRIE

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2339282 A2 20110629; **EP 2339282 A3 20140115**; DE 102009060817 A1 20110630

DOCDB simple family (application)

EP 10196196 A 20101221; DE 102009060817 A 20091228